

# SCIENCE CURRICULUM MAP 7-11

Year 7	Year 8	Year 9	Year 10	Year 11
<b>Physics:</b> Energy Forces Motion Pressure (Waves) Sound	<b>Physics:</b> Light Electricity Magnetism	<b>Physics:</b> Space Energy Waves	<b>Physics:</b> Forces & Motion Light & the Electromagnetic Spectrum Radioactivity *Astronomy (Separate Sciences only)	<b>Physics:</b> Electricity Magnetism Electromagnetic induction Particle model
<b>Chemistry:</b> Working Scientifically Particles Mixtures Atoms, Elements and Compounds The Periodic Table Chemical Reactions	<b>Chemistry:</b> Our Atmosphere Groups 1, 7 and 0 Metals The Earth	<b>Chemistry:</b> Acids and Alkalis States of Matter and Mixtures Atomic Structure The Periodic Table	<b>Chemistry:</b> Chemical Bonding Acids and Alkalis Quantitative Chemistry Electrolytic Processes Obtaining and Using Metals Reversible Reactions and Equilibria	<b>Chemistry:</b> Groups in the Periodic Table Rates of Reaction Energy Changes Fuels Earth and Atmospheric Science
<b>Biology:</b> Cells Skeletal system Digestive System Drugs & Alcohol Human reproduction	<b>Biology:</b> The respiratory System Inheritance & adaptation Botany 1 Ecosystems Cycles & fieldwork Botany 2	<b>Biology:</b> Cells Microscopy Transporting Substances Specialised Cells Cell Division	<b>Biology:</b> Genetics Natural selection & genetic modification Health, disease, and the development of medicines Plant structures & their function	<b>Biology:</b> Animal coordination, control & homeostasis Exchange and transport Ecosystems & materials